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Application for a Permit to
Store Water in a Reservoir
Alternate Review (ORS 537.409)



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

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You may use this form for any reservoir storing less than 9.2 acre-feet *or* with a dam less than 10 feet high.

Use a separate form for each reservoir

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

NAME		PHONE (HM)	
PHONE (WK)	CELL	FAX	
ADDRESS			
CITY	STATE	ZIP	E-MAIL *

Organization

NAME BOISE CASCADE WOOD PRODUCTS LLC ATTN: RHONDA SMITH		PHONE (541) 437-2207	FAX
ADDRESS 90 S. 21 ST STREET			CELL
CITY ELGIN	STATE OR	ZIP 97827	E-MAIL * RHONDASMITH@BC.COM

Agent – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME ELIZABETH HOWARD		PHONE (503) 796-2093	FAX
ADDRESS 1211 SW FIFTH AVENUE, SUITE 1900			CELL
CITY PORTLAND	STATE OR	ZIP 97204	E-MAIL * EHOWARD@SCHWABE.COM

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot legally store water until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water right holders to get water to which they are entitled.



I (we) affirm that the information contained in this application is true and accurate.

Rhonda Smith
Applicant Signature

Rhonda Smith/Facility Environmental
Print Name and Title if applicable

6/15/2021
Date

Applicant Signature

Print Name and Title if applicable

Date

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SECTION 2: SOURCE OF WATER AND LOCATION OF RESERVOIR

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Reservoir name:	PWP3				
Source*:	Process water. The water will be delivered by the City of Elgin to the Boise Cascade facility under the city's municipal water right. After the water is used in Boise Cascade's industrial processes, it will be pumped into Reservoir PWP3 where it will be stored. This application does not request the storage of any springs, surface water, or runoff.	Tributary:	NA		
County:	Union				
Quantity:	9.0 Acre-Feet [length x width x depth / 43,560]				
Reservoir Location:	Township (N or S)	Range (E or W)	Section	Quarter-Quarter	Tax Lot #
	1 N	39 E	15	SW SW	400
Maximum Height of Dam:	9 feet. (There is an embankment around PWP3.) If excavated write "zero feet."				

* Provide the name of the water body or other source from which water will be diverted, and the name of the stream or lake it flows into. Indicate if source is run-off, seepage, an unnamed stream, or spring.

SECTION 3: WATER USE

Indicate the proposed use(s) of the stored water: Multipurpose

NOTE: You may wish to consider filing for "Multipurpose use" for your reservoir. Multipurpose use does not limit the types of future uses for the stored water. Multipurpose covers all uses including: stock water, fish and wildlife, aesthetics, domestic, irrigation, agriculture, fire protection and pollution abatement.

SECTION 4: PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

- Yes (please check appropriate box below then skip to section 5)
 - There are no encumbrances
 - This land is encumbered by easements, right of way, roads of way, roads or other encumbrances
- No (Please check the appropriate box below)
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.
 - Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigated and/or domestic use only (ORS 274.040). (Do not check this box if you described your use as "Multipurpose" in #3 above.)

List the names and mailing addresses of all affected landowners: NA

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SECTION 5: ENVIRONMENTAL IMPACT

Channel: Is the Reservoir: in-stream or off channel?

Wetland: Is the project in a wetland? YES NO unknown

Existing: Is this an existing reservoir? YES NO

If YES, how long has it been in place? Approximately 4 years.

Fish Habitat: Is there a fish habitat upstream of the proposed structure? YES NO unknown

If YES, how much? NA miles.

Existing: Have you been working with other agencies? YES NO

Indicate agency, staff and phone numbers of those involved. Also indicate any agencies that are cost sharing in this project.

SECTION 6: WITHIN A DISTRICT

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name: NA		Address:	
City:	State:	Zip:	

SECTION 7: DESCRIPTION

Provide a short description of the design and operation of the proposed diversion, including a description of how live flow will be passed outside the authorized storage season. Use this space for narrative. You may also provide narrative and sketches on separate pages.

The reservoir is located off-channel. Water will be pumped into the reservoir on an as-needed basis for storage. The water in PWP3 may then be pumped into two larger reservoirs (PWP1 and PWP2, which are being separately permitted under the Department's Standard Reservoir application process). This system is designed to prevent offsite discharge of the water stored in the reservoirs and provide additional storage capacity if PWP1 and PWP2 are full. A secondary application to use the water in the reservoir will be submitted after a reservoir permit is issued.

No live flow from nearby surface waters from streams, springs or runoff will enter the reservoir at any time and therefore, no fish passage is required. The reservoir can be drained using a portable pump capable of pumping 1,400 gpm.

If the diversion involves a dam, use this space below for sketches of the diversion (e.g. cross-section of the dam with its dimensions, dimension and placement of outlet pipe, means of passing live flow outside of the authorized storage season, and means for providing fish passage).

See attached Boise Cascade Elgin EBS Surge Basin as-built drawings ELG-EBS-C-1 through ELG-EBS-C-5. (PWP3 was formerly designated as the EBS Surge Basin.)

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Watermaster Alternate Reservoir Application Review Sheet

In lieu of the water right application process set forth in ORS 537.140 to 537.211, an owner of a reservoir may submit an alternate reservoir application for a reservoir that has a storage capacity less than 9.2 acre-feet or a dam or impoundment structure less than 10 feet in height. ORS 537.409 describes the criteria used to evaluate alternate reservoir applications.

The review shall be limited to issues pertaining to: a) water availability, b) potential detrimental impact to existing fishery resources; and c) potential injury to existing water rights. (ORS 537.409 (6))

Within 60 days after the Water Resources Department provides public notice, any person may submit detailed, legally obtained information in writing, requesting the Department to deny the application for a permit on the basis that the reservoir: (a) Would result in injury to an existing water right; or (b) Would pose a significant detrimental impact to existing fishery resources. (ORS 537.409 (5))

Applicant's Name: Boise Cascade Wood Products LLC		
1. Does the proposed reservoir have the potential to injure existing water rights? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Explain:		
2. Can conditions be applied to mitigate the potential injury to existing water rights? <input type="checkbox"/> YES <input type="checkbox"/> NO Explain: <i>n/a</i>		
3. Is water available for the proposed reservoir? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
4. If yes, during what period? Beginning: <i>Jan</i> End: <i>December</i> Attach a WARS printout at 50% exceedance. If WARS does not cover the proposed location, make a recommendation for a storage season based upon regulation history and your knowledge of the location. (Water Availability for Reservoir Policy found under OAR 690-410-0070(2)(c))		
5. Did you meet with staff from another agency to discuss this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Who:	Agency:	Date:
Who:	Agency:	Date:

Watermaster Name: Shad Klattan

Watermaster Signature: Shad Klattan Date: 12/22/2020

NOTE: This completed form must be returned to the applicant

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ODFW Alternate Reservoir Application Review Sheet

This portion to be completed by the applicant.	
Applicant Name: BOISE CASCADE WOOD PRODUCTS LLC ATTN: RHONDA SMITH	RECEIVED
Address: 90 S. 21 st STREET ELGIN, OR 97827	JUN 22 2021
Phone/Email: (541) 437-2207	OWRD
Reservoir Name: <u>PWP 3</u>	Volume (AF): <u>type here</u>
Source: <u>Process water delivered by City of Elgin (Phillips Cr)</u>	<input type="checkbox"/> in-channel
Basin Name: <u>Grande Ronde</u>	<input checked="" type="checkbox"/> off-channel
Twp Rng Sec QQ: <u>1N 39E 15 SWSW</u>	
Note: It is unlikely that ODFW will be able to complete this form while you wait, nevertheless we recommend making an appointment to submit the form so as to provide any necessary clarifications. See pg. 6 of Instructions for contact information.	

This portion to be completed by Oregon Department of Fish and Wildlife (ODFW) staff.

1) Is the proposed project and AO¹ off channel?..... YES* NO
(if yes then proceed to #4; if no then proceed to #2)

**Based on available information, the proposed use does not appear to involve instream structures that would create or maintain an artificial obstruction. However, if the applicant creates or maintains an artificial obstruction to fish passage for the proposed use, the applicant will need to address Oregon's fish passage laws.*

2) Is the proposed project or AO located where NMF² are or were historically present?..... YES NO
(if yes then proceed to #3; if no then proceed to #4)

3) If NMF are or were historically present:
a. Is there an ODFW-approved fish-passage plan?..... YES NO
b. Is there an ODFW-approved fish-passage waiver or exemption?..... YES NO

If fish passage is required under ORS 509.580 through .910, then either 3(a) or 3(b) must be "Yes" to move forward with the application. If responses to 3(a) and 3(b) are "No", then the proposed reservoir does not meet the requirements of Oregon Fish Passage Law and shall not be constructed as proposed.

4) Would the proposed project pose any other significant detrimental impact to an existing fishery resource locally or downstream?..... YES NO
Explain below (for example, list STE species or other existing fishery resources that would be impacted negatively.)

Any diversion or appropriation of water for storage during the period type here through type here poses a significant detrimental impact to existing fishery resources. (For example, if diversion of water for storage during a certain time period would cause a significant detrimental impact to an existing fishery resource,

¹ AO = Artificial Obstruction means any dam, diversion, culvert or other human-made device placed in waters of this state that precludes or prevents the migration of native migratory fish. ORS 509.580 (1)

² NMF = Native Migratory Fish Species in Oregon as defined by OAR 635 - 412 - 0005 (32)

Applicant Name: BOISE CASCADE WOOD PRODUCTS LLC ATTN: RHONDA SMITH

ODFW Review

then ODFW should recommend conditions or limitations.) If NMF fish are present at the project site or point of water diversion then the applicant should be advised that a fish screen consistent with screening criteria will be required.

- This proposed pond or reservoir contemplates impounding water in the Columbia Basin above Bonneville Dam. ODFW has determined that additional diversions of water in this area pose a significant detrimental impact to existing fishery resources during the period April 15 through September 30.

The following fish species of primary concern are present at the location of the proposed use and may be impacted by the proposed use: ESA listed Summer Steelhead, Bull Trout, Chinook Salmon and state sensitive species Pacific Lamprey, and Redband Trout. Based on information submitted by the applicant and further clarification from WRD, it is ODFW's understanding that water will not be diverted from Phillips Creek and the reservoir will not capture significant runoff that would otherwise flow into Phillips Creek. Therefore, ODFW has not identified any impairment of IS 71663. If this is not the case, please contact us for information regarding impacts to instream water right IS 71663 and to aquatic species habitat, and to learn more about recommended mitigation obligations.

An alteration of habitat from the proposed use would impair or be detrimental to an existing fishery resource and/or their habitat without appropriate conditions and/or mitigation. The conditions outlined below pertain to the physical footprint of the project and not to potential to impacts to instream flows.

If YES, can conditions be applied to mitigate the significant detrimental impact to an existing fishery resource?

- NO (explain) YES (select from Menu of Conditions on next page)

See applicable conditions selected from "Menu of Conditions" on next page

describe Mitigation Obligation here, if applicable

ODFW Signature: Aaron Maxwell Digitally signed by Aaron Maxwell
Date: 2021.05.07 12:16:02 -07'00'

Print Name: Aaron Maxwell

ODFW Title: East Region Hydropower and Water Right Coordinator

Date: April 1, 2021

NOTE: This completed form must be returned to the applicant.

Revised 10/4/12; reformatted 5/12/20

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MENU OF CONDITIONS FOR WRD, ODFW, DEQ AND ODA

Revised May 12, 2020, March 25, 2021

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Use this menu to identify appropriate conditions to be included in the permit:

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- Agricultural Water Quality Management Area Rules:** The permittee shall comply with basin-specific Agricultural Water Quality Management Area Rules described in Oregon Administrative Rule Chapter 603-095. The permittee shall protect riparian areas, including through irrigation practices and the management of any livestock, allowing site capable vegetation to establish and grow along streams, while providing the following functions: shade (on perennial and some intermittent streams), bank stability, and infiltration or filtration of overland runoff.
- b52** Water may be diverted only when Department of Environmental Quality sediment standards are being met.
- b5** The water user shall install and maintain adequate treatment facilities meeting current DEQ requirements to remove sediment before returning the water to the stream.
- b51a** The period of use has been limited to type here through type here.
- b57** Before water use may begin under this permit, a totalizing flow meter must be installed at each diversion point.
- b58** Before water use may begin under this permit, a staff gage that measures the entire range and stage between full reservoir level and dead-pool storage must be installed in the reservoir. The staff gage shall be United States Geological Survey style porcelain enamel iron staff gage style A, C, E or I.
- blv:** Water must be diverted to a trough or tank through an enclosed water delivery system. The delivery system must be equipped with an automatic shutoff or limiting flow control mechanism or include a means for returning water to the stream source through an enclosed delivery system. The use of water shall not exceed 0.10 cubic feet per second per 1000 head of livestock.
- Bypass Flows:** Per 690-410-0070 (2)(c), the following flows shall be bypassed or passed through the reservoir during the filling season:
 - 1) When the biologically necessary flows identified below are not available immediately upstream of the impacted area, the permittee shall pass all live flow downstream at a rate equal to the inflow, minus the amount of mitigation water provided upstream, if applicable, and
 - 2) When the biologically necessary flows identified below are available immediately upstream of the impacted area, the permittee shall pass flow downstream at a rate equal to or greater than the biologically necessary flows.Once the reservoir has reached the permitted volume, all live flow shall be passed downstream at a rate equal to the inflow.

The permittee shall quantify and document inflow and outflow and maintain the bypass flows for the life of the permit and subsequent certificate per the approved Bypass Plan. The bypass flow data shall be available upon request by the Oregon Water Resources Department, Oregon Department of Fish and Wildlife, Oregon Department of Environmental Quality, or Oregon Department of Agriculture.

- Construction Activities:** For construction activities (clearing, grading, excavation, staging, and stockpiling) that will disturb one or more acres and may discharge to state waters, the permittee is required to obtain from DEQ a 1200-C NPDES Stormwater Construction Permit prior to project construction.
- fence:** The stream and its adjacent riparian area shall be fenced to exclude livestock.
- fishapprove:** The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional, and approved in writing by ODFW prior to diversion of any water. The permittee may submit evidence in writing that ODFW has determined screens and/or by-pass devices are not necessary.
- fishdiv33:** If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional, and approved in writing by ODFW prior to diversion of any water. The permittee may submit evidence in writing that ODFW has determined screens and/or by-pass devices are not necessary.

- fishmay:** Notwithstanding that ODFW has made a determination that fish screens and/or by-pass devices are not necessary at the time of permit issuance, the permittee may be required in the future to install, maintain, and operate fish screening and by-pass devices to prevent fish from entering

the proposed diversion and to provide adequate upstream and downstream passage for fish.

- fishpass:** As required by ORS 509.585, a person owning or operating an artificial obstruction (AO) may not construct or maintain any AO across any waters of this state that are inhabited, or historically inhabited, by native migratory fish (NMF) without providing passage for NMF. A person owning or operating an AO shall, prior to construction, fundamental change in permit status or abandonment of the AO in any waters of this state, obtain a determination from ODFW as to whether NMF are or historically have been present in the waters. If ODFW determines that NMF are or historically have been present in the waters, the person owning or operating the AO shall either submit a proposal for fish passage to ODFW or apply for a waiver or exemption. Approval of the proposed fish-passage facility, waiver, or exemption must be obtained from the department prior to construction, permit modification or abandonment of the AO. Approved fish-passage plans, waivers, and exemptions shall maintain adequate passage of NMF at all times (ORS 509.601) as per the approved plan, waiver or exemption.
- fishself:** The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional prior to diversion of any water. Permittee shall obtain written approval from ODFW that the installation of the required screen and by-pass devices meets the state's criteria or the permittee shall submit documentation that ODFW has determined screens and/or by-pass devices are not necessary.
- Fish Stocking:** Per ORS 498.222 and OAR 635-007-0600, all persons transporting fish in Oregon need to have a fish transport permit issued by the Oregon Department of Fish and Wildlife (ODFW). The permittee shall not stock fish in the reservoir without a fish transport permit approved by ODFW. As part of the permitting process, the permittee must also screen the inlet and outlet of their pond to insure that fish cannot escape into public waters and/or to keep wild fish from entering the pond.
- futile call:** The use of water allowed herein may be made only at times when waters from the (NAME OF SURFACE WATER) would not otherwise flow into a tributary of the type here River or sufficient water is available to satisfy all prior rights, including rights for maintaining instream flows.
- In-Water or Riparian Construction:** For in-water or riparian construction, permittee may be required to obtain additional permits from the Oregon Department of State Lands, the U.S. Army Corps of Engineers, and the DEQ Section 401 certification program prior to construction. The applicant must contact these agencies to confirm requirements.
- In-Water Work:** Any in-water work related to construction, development, or maintenance of the proposed use shall be conducted during the preferred work period of type here unless an alternate time period is approved by the Oregon Department of Fish and Wildlife.
- Live Flow:** Once the allocated volume has been stored, permittee shall pass all live flow downstream at a rate equal to inflow, using methods that protect instream water quality.
- Off-Channel Stored Water Releases:** The permittee shall not release polluted water from this off-channel reservoir into waters of the state except when the release is directed by the State Engineer to prevent dam failure.
- On-Channel Reservoir:** The permittee shall design and operate the water storage facility such that all waters within and below the reservoir meet water quality criteria. The permittee shall develop a reservoir operations plan that details how water quality criteria and standards will be met. A Certified Water Rights Examiner shall verify that the reservoir operations are consistent with the plan before a certificate is issued. The reservoir operator shall maintain a copy of the plan and make it available for review upon request.
- riparian:** If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.
- Water Quality:** All water use under this permit shall comply with state and federal water quality laws. The permittee shall not violate any state and federal water quality standards, shall not cause pollution of any waters of the state, and shall not place or cause to be placed any wastes in a location where such wastes are likely to escape or be carried into the waters of the state by any means. The use may be restricted if the quality of source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards.
- wetland:** The permittee must submit an offsite determination request to the Oregon Department of State Lands (DSL) to determine the need for a wetland delineation prior to disturbance or development of the point of diversion and/or diversion of water.
- wq:** The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

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Land Use Information Form

NAME BOISE CASCADE WOOD PRODUCTS LLC ATTN: RHONDA SMITH			PHONE (HM) (541) 437-2207	
PHONE (WK) (541) 437-2207		CELL		FAX
ADDRESS 90 S. 21 ST STREET				
CITY ELGIN		STATE OR	ZIP 97827	E-MAIL* RHONDASMITH@BC.COM

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
I N	39 E	15	SW SW	400		<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	No Change
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

<u>Union County</u> <u>City of Elgin</u>

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
 Water Right Transfer
 Permit Amendment or Ground Water Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

Source of water: Reservoir/Pond
 Ground Water
 Surface Water (name) Other-Municipal Water from the City of Elgin

Estimated quantity of water needed: 9.0
 cubic feet per second
 gallons per minute
 acre-feet

Intended use of water: Irrigation
 Commercial
 Industrial
 Domestic for _____ household(s)
 Municipal
 Quasi-Municipal
 Instream
 Other Multipurpose

Briefly describe:

Water will be delivered by the City of Elgin to the Boise Cascade facility under the city's municipal water right. After the water is used in Boise Cascade's industrial processes, it will be pumped into Reservoir PWP3 where it will be stored. This application does not request the storage of any springs, surface water, or runoff.
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Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

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For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 17.32.020
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: Hilary Wilhelm Title: Public Safety Director
 Signature: Hilary Wilhelm Phone: 811-437-2253 Date: 6/15/2021
 Government Entity: City of Elgin

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.



Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

37-

04-15377

After recording return to:

Tony J. Steenkolk, Esq.
Legal Department -- Real Estate
Boise Cascade, L.L.C.
P.O. Box 50
Boise, ID 83728-0001

This space reserved for recorder's use.

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20051802

Until a change is requested, all tax statements shall be sent to Grantee at the following address:

Boise Building Solutions Manufacturing, L.L.C.
c/o Boise Cascade, L.L.C.
Property Tax Department
P.O. Box 50
Boise, ID 83728-0001

Profile Group: Boise/MDP Closing
Area: RE
Doc Type: DEED
County: UNION-OR
Entity: BBSM
Division #: 3-1-1-2
LocFile #: 174259-0000

GRANTOR: OfficeMax Incorporated, successor-in-interest to Boise Cascade Corporation

GRANTEE: Boise Building Solutions Manufacturing, L.L.C.

CORRECTIVE DEED

(90 South 21st Street)
(Elgin, Union County, Oregon)
(Site No. 3-1-1-2)

This Corrective Deed is executed this 12th day of April 2005, by and between **OFFICEMAX INCORPORATED**, a Delaware corporation, successor-in-interest to **BOISE CASCADE CORPORATION**, having an address of 1111 West Jefferson Street, Boise, Idaho 83728 ("Grantor"), and **BOISE BUILDING SOLUTIONS MANUFACTURING, L.L.C.**, a Delaware limited liability company, having an address of 1111 West Jefferson Street, Boise, Idaho 83728 ("Grantee"), to correct the legal description of Parcel B described in that Statutory Special Warranty Deed between Grantor and Grantee, dated October 29, 2004, and recorded November 5, 2004, as Instrument No. 20045918, Records of Union County, Oregon, more particularly described on Exhibit A attached hereto and by this reference incorporated herein.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

The true and actual consideration for this transfer is \$-0-.

{W:\WDOX\ADMIN\299004:0004:00221803:}

OFFICEMAX INCORPORATED, a
Delaware corporation, successor-in-interest
to **BOISE CASCADE CORPORATION**

OK
By: *Vincent Hannity*

Name: Vincent Hannity

Its: Vice President

WITNESS:

By: *Jan Michaelson*
Name: Jan Michaelson

By: *Maria F. Davies*
Name: MARIA F. DAVIES

ATTEST:

By: *Monica Cokerille*
Name: Monica Cokerille
Its: Assistant Secretary



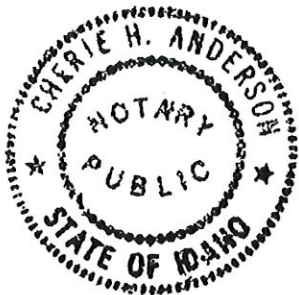
JUN 22 2021

OWRD

STATE OF IDAHO)
) ss.
COUNTY OF ADA)

On this 12th day of April 2005, before me, the undersigned, a notary public in and for said state, personally appeared Vincent Hannity and Monica Cockerille, known to me to be the Vice President and Assistant Secretary, respectively, of OfficeMax Incorporated, a Delaware corporation, successor-in-interest to Boise Cascade Corporation, that executed the above instrument on behalf of said corporation and acknowledged to me that said corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



Cherie H. Anderson

NOTARY PUBLIC FOR IDAHO

Residing at: Meridian, Idaho

My Commission Expires: 8/5/09

EXHIBIT A
LEGAL DESCRIPTION

90 South 21st Street
Elgin, Union County, Oregon
NCS86085
Site No. 3-1-1-2

PARCEL B:

Commencing at the northwest corner of the southwest quarter of the southwest quarter of Section 15, in Township 1 North, Range 39 East of the Willamette Meridian, in Union County, Oregon; thence East 1,914 feet, more or less, to the west line of land conveyed to School District No. 23 of Union County, Oregon, by Deed recorded in Book 138, at page 646, in records of Union County, Oregon; thence South 0°01' East along the west line of said School District No. 23 land, 300 feet, more or less, to the southwest corner of said School District No. 23 land; thence South 89°49' West 30 feet to the southwest corner of the land conveyed to the Heppner Lumber Company, by Deed recorded in Book 134, at page 444, Union County records; thence South 0°01' East, along the southerly extension of the west line of said Heppner Lumber Company land 96 feet, more or less, to the north side of the county road, thence southwesterly following the route of said county road on the North side thereof to a point 643.5 feet south of the point of beginning; thence North 643.5 feet to the point of beginning.

Tax Parcel No. 12433

STATE OF OREGON

County of Union

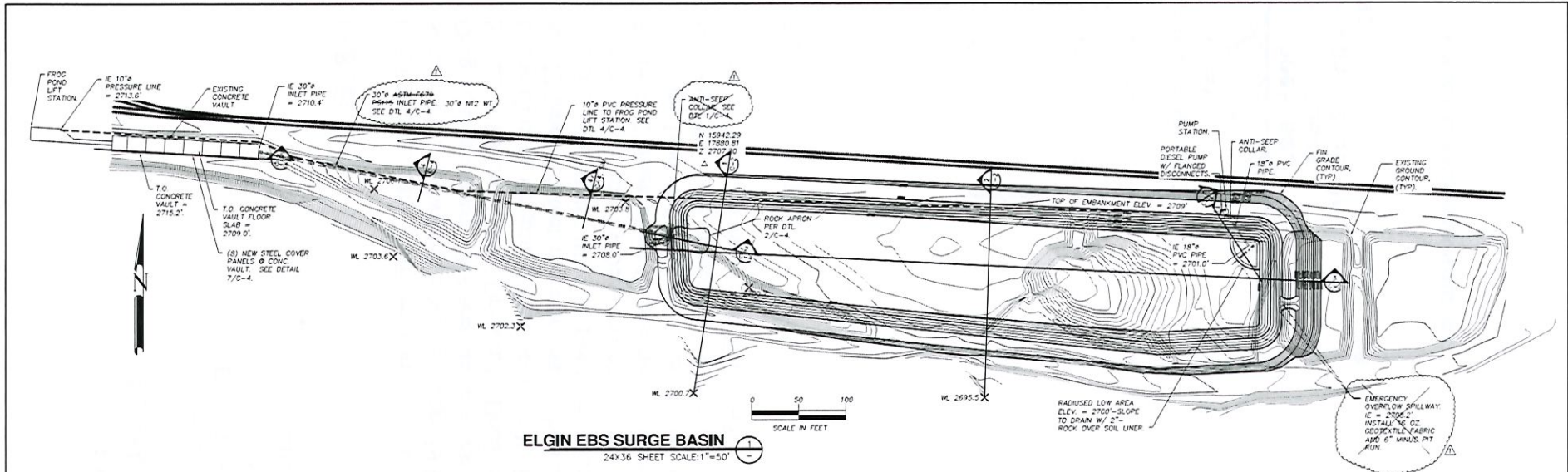
} SS

I certify that this instrument was received and recorded in the book of records of said county.

R. NELLIE BOGUE HIBBERT,
Union County Clerk

by: *[Signature]* Deputy.

DOC#: 20051802
RCPT: 73624 37.00
4/15/2005 2:35 PM
REFUND: .00

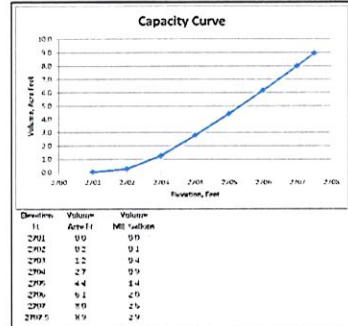


LEGEND

- X ML Spot Elevation (Water Level)
- X IE Spot Elevation (Invert Elevation)
- Railroad Track
- Gravel Road
- ~ Contour (1 ft. interval)
- △ Control Point

NOTES:

1. REFERENCE PROJECT SPECIFICATIONS FOR CONSTRUCTION NOTES.
2. ALL INTERIOR EMBANKMENT SLOPES ARE 3H:1V AND ALL EXTERIOR EMBANKMENT SLOPES 2H:1V UNLESS SHOWN OTHERWISE.
3. TOPOGRAPHIC SURVEY WAS CONDUCTED JULY 7, 2016 BY BAGGETT, GRIFFITH, & BEADMAN.
4. EARTHWORK ESTIMATED:
 - 8,063.5 Cu. Yds. CUT
 - 87,661 Cu. Yds. FILL FROM SITE
 - 7,409.2 Cu. Yds. NET IMPORT
 - 6,832 Cu. Yds. FOR EMBANKMENT
 - 336.2 Cu. Yds. FOR CLAY LINER
 - 336.3 Cu. Yds. FOR ROCK/CLAY TOP LAYER
5. STORAGE: 2.9 MIL GAL STORAGE @ ELEV. 2700'-2707.85'
6. SEE SHEET C-3 FOR HYDRAULIC PROFILE.



SURGE BASIN CAPACITY CURVE
SCALE: NTS

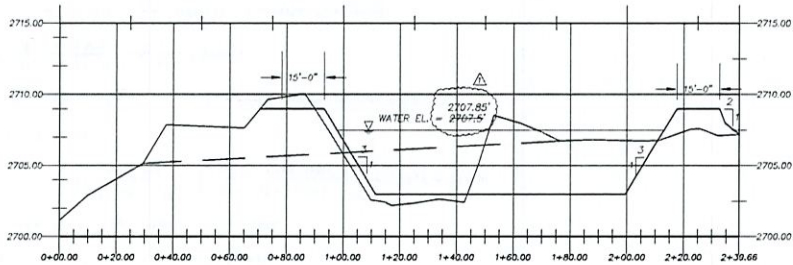
OWRD
 JUN 2 2021
 RECEIVED



12-21-16		AG-BUILTS	CJC	ELGIN COMPLEX EBS SWP/W SURGE BASIN - PLAN VIEW	SITE
NO. DATE	BY	DATE	BY	DATE	BY
1	12-21-16	12-21-16	CJC	12-21-16	CJC
SEE ENG. REGISTER FOR LATEST REVISION # DO NOT SCALE DRAWING			NONE		
ELG-EBS-C-1			1		

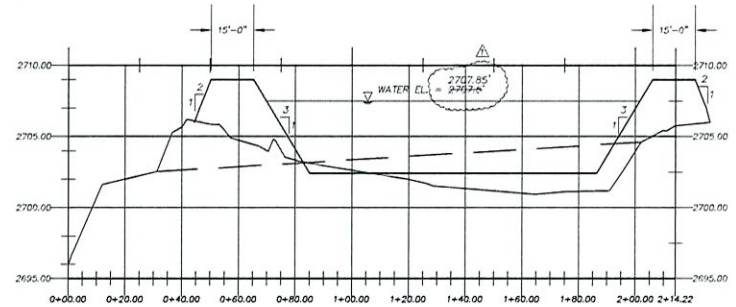
LEGEND:

— EXISTING GRADE
— FINISHED GRADE
— NATIVE GRADE



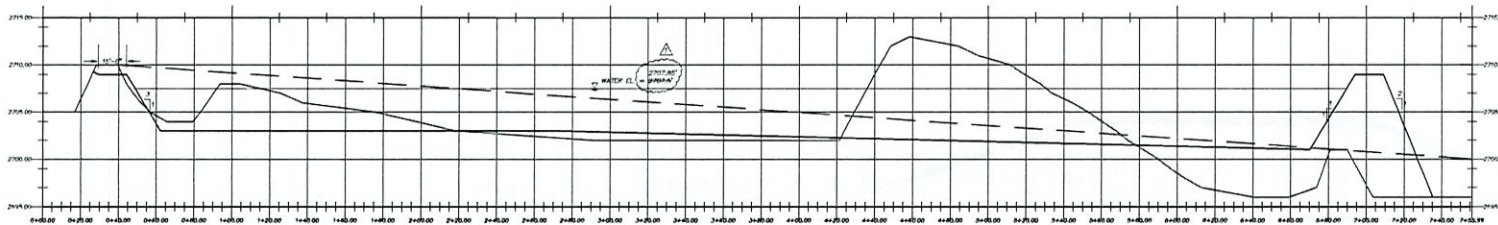
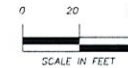
SURGE BASIN

24X36 SHEET SCALE: 1"=20'
5X VERT. EXAGGERATION



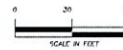
SURGE BASIN

24X36 SHEET SCALE: 1"=20'
5X VERT. EXAGGERATION



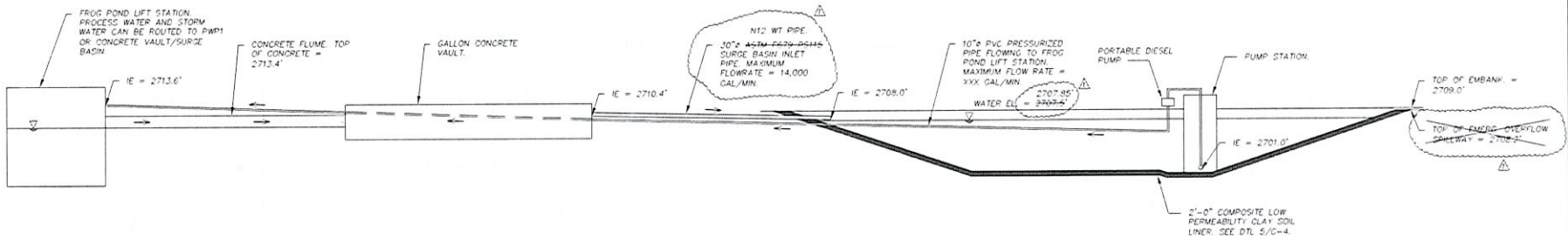
SURGE BASIN

24X36 SHEET SCALE: 1"=30'
5X VERT. EXAGGERATION



12-28-16

ELGN, OR.		SITE	
ELGN COMPLEX EBS SECTIONS			
12-21-16 AS-BUILTS		C.J.C.	
NO.	DATE	SCALE	BY
2400	08-15-16	NONE	C.J.C.
SEE DWG. REGISTER FOR LATEST REVISION / DO NOT SCALE DRAWING		JOB NO. LOCATION - SHEET NO. - SHEET TOTAL	
		ELG-EBS-C-2 1	



HYDRAULIC PROFILE SCALE: NTS

Manning's Equation, $\frac{Q}{A} = \frac{1.49}{n} \left(\frac{A}{P} \right)^{2/3} S^{1/2}$

$K = 1.19 \quad s = \frac{1.49}{4.0} = 0.005319 \quad Q = 14000 \text{ gal/min} = 31.2 \text{ ft}^3/\text{sec}$

$A = \frac{\pi D^2}{4} \quad P = \pi D \quad n = 0.011 \text{ for PVC}$

Substitute into Manning's equation and solve for D

$$D = \left(\frac{4^{3/8} Q + n}{\pi K + 5^{1/2}} \right)^{3/8} = \left(\frac{4^{3/8} \cdot 31.2 + 0.011}{\pi + 1.49 + 0.005319^{1/2}} \right)^{3/8} = 2.30 \text{ ft} = 28.6 \text{ in}$$

Use a 30 inch pipe.

Neutral slope $s_n = K_c \frac{V}{2g} \quad K_c = \frac{1.49 \cdot 31.2 \cdot 0.011}{7.52^{1/2}} = 0.0216$

$V = \frac{Q}{A} = \frac{32 \text{ cfs} \cdot 4}{\pi \cdot 2.5^2} = 6.52 \frac{\text{ft}}{\text{s}} = 1.99 \text{ m/s}$

$s_n = K_c \frac{V^2}{2g} = 0.0216 + \frac{1.99^2}{2 \cdot 9.81} = 0.00437 < s$ so orifice flow controls

Orifice flow $Q = AC\sqrt{2gh} \quad A = \frac{\pi d^2}{4} = \frac{\pi \cdot 2.5^2}{4} = 4.91 \text{ ft}^2 \quad C = 0.6$

$h = \text{headwater} - \left(\text{invert} + \frac{d}{2} \right) \quad Q = 14000 \text{ gal/min} = 31.2 \text{ ft}^3/\text{sec}$

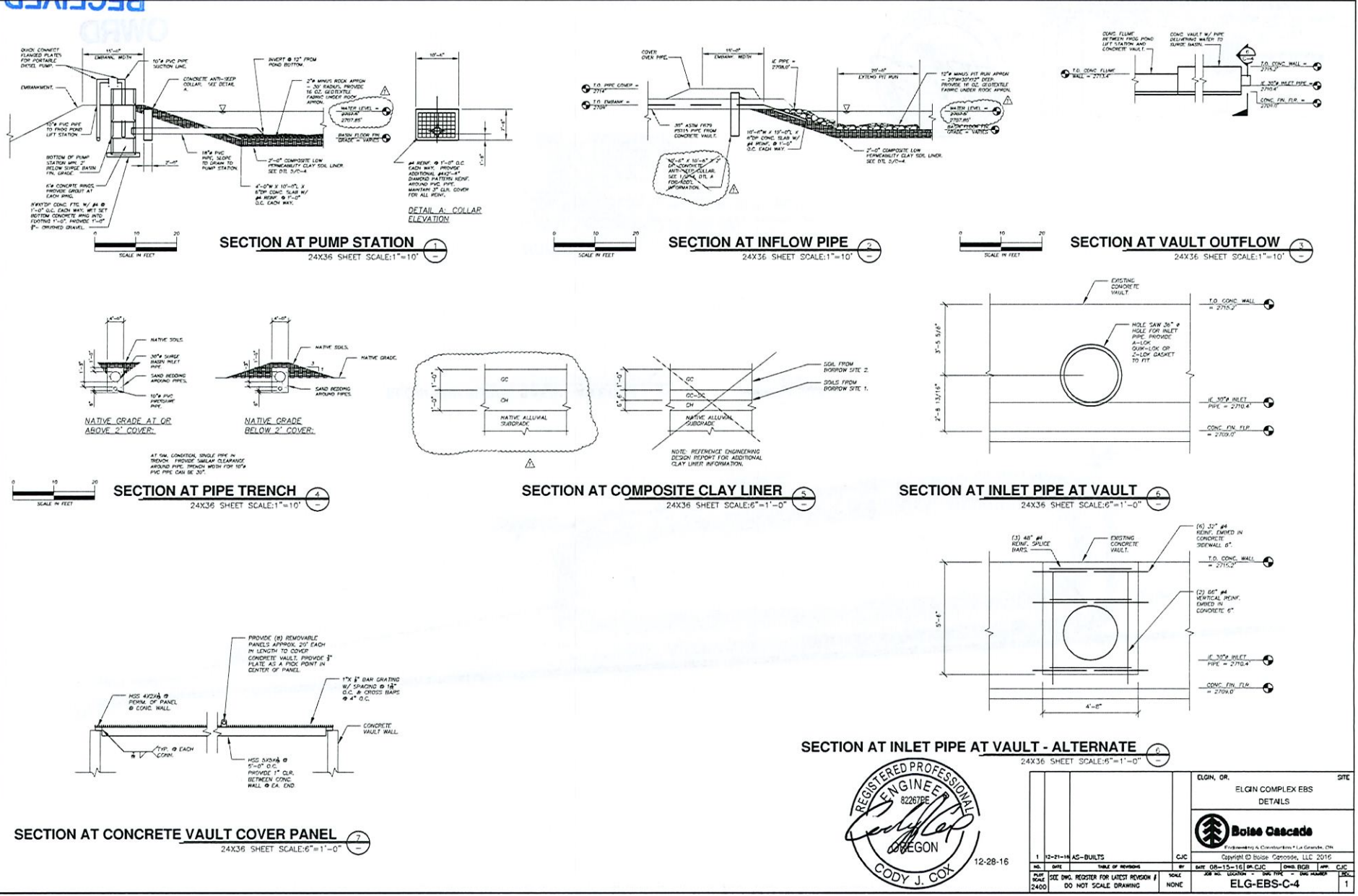
$\text{invert} = - \left(\frac{Q^2}{2g} - \text{headwater} + \frac{d}{2} \right) = - \left(\frac{31.2^2}{2 \cdot 32.2} - 2713.4 + \frac{2.5}{2} \right) = 2710.4 \text{ ft}$

Use a 30 inch pipe, with the invert located at 2710.4 ft.

SURGE BASIN INFLOW PIPE DIAMETER CALCULATION SCALE: NTS

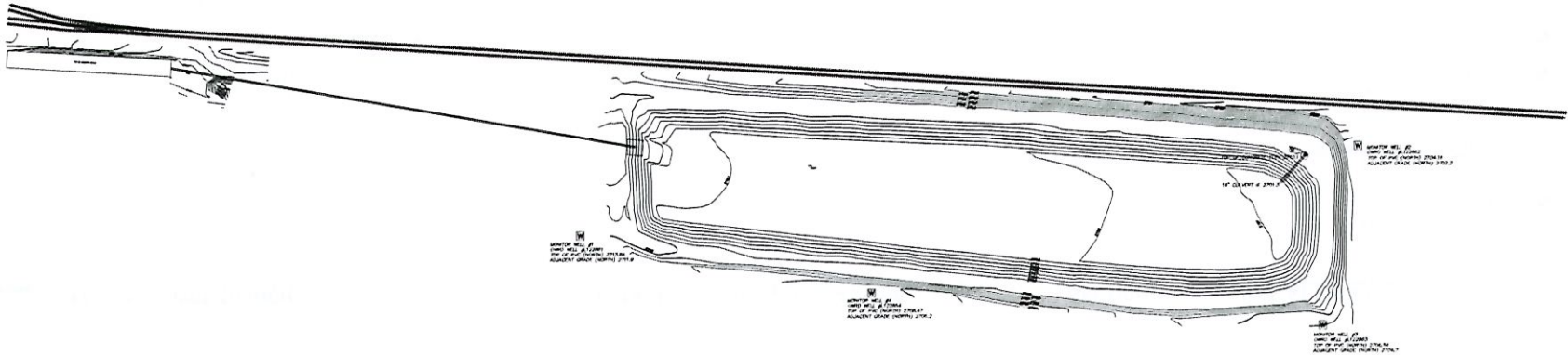


ELGN, OR		SITE	
ELGN COMPLEX EBS HYDRAULIC PROFILE			
		Boise Cascade	
<small>Engineering & Construction Services, LLC</small>			
1	12-21-16	AS-EVLPT	CJC
NO.	DATE	NAME OF WORKING	BY
NO.	DATE	NAME OF CHECKER	BY
NO.	DATE	NAME OF APPROVER	BY
SEE ENG. REGISTER FOR LATEST REVISION #		NAME	DATE
DO NOT SCALE DRAWING		NONE	NONE
ELG-EBS-C-3			1



12-28-16

ELGN, OR.		SITE	
ELGN COMPLEX EBS DETAILS			
<small>Boise Cascade</small> <small>Boise Cascade is a registered service mark of Boise Cascade, Inc.</small> <small>Copyright © Boise Cascade, LLC 2016</small>			
1	12-21-14	AG-BUILTS	CJC
NO. DATE	BY	SCALE OF REVISION	DATE (OR-15-16) OR CJC
2400		DO NOT SCALE DRAWING	NONE
JOB NO. LOCATION		DATE	APP. CJC
ELG-EBS-C-4			



ELGIN EBS SURGE BASIN - AS BUILT
 24X36 SHEET SCALE: 1"=50'



NOTES:

1. REFERENCE PROJECT SPECIFICATIONS FOR CONSTRUCTION NOTES.
2. ALL INTERIOR EMBANKMENT SLOPES ARE 3H:1V AND ALL EXTERIOR EMBANKMENT SLOPES 2H:1V, U.N.O. ON DRAWINGS.
3. INITIAL TOPOGRAPHIC SURVEY WAS CONDUCTED JULY 7, 2016 BY BADETT, DRIFTMILL & BLACKMAN. FINAL TOPOGRAPHIC SURVEY WAS CONDUCTED OCT 20 - NOV 6, 2016.
4. EARTHWORK ESTIMATED:
 - 4503.5 CU. YDS. CUT
 - 8746.3 CU. YDS. FILL FROM SITE
 - 7429.2 CU. YDS. NET IMPORT
 - 625.2 CU. YDS. FOR EMBANKMENT
 - 336.3 CU. YDS. FOR CLAY LINER
 - 336.3 CU. YDS. FOR ROCK/CLAY TOP LAYER
5. STORAGE: 2.9 MIL GAL STORAGE @ WS 2707.85'
6. SEE SHEET C-3 FOR HYDRAULIC PROFILE.



12-28-16

1		13-21-16	AS-BUILTS	CJC	ELGIN, OR.	SITE
NO.	DATE	ISSUE OR REVISION	BY	DATE	ELGIN COMPLEX EBS AS-BUILT	
1	12-28-16	ISSUE FOR CONSTRUCTION	CJC	12-28-16	Boise Cascade	
DO NOT SCALE DRAWING				NO.	Copyright © Boise Cascade, LLC 2016	
DO NOT SCALE DRAWING				DATE	Boise Cascade Engineering & Construction, LLC, Grants, OR	
DO NOT SCALE DRAWING				JOB NO.	ELG-EBS-C-5	
DO NOT SCALE DRAWING				SCALE	1"=50'	
DO NOT SCALE DRAWING				SHEET	1	

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 JUN 22 2021
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